

**Abstract**

A dispenser cap for combination with a standard flexible irrigation solution bottle to make a portable wound irrigation dispenser includes a collar threadably engageable with the irrigation bottle, and closed at one end by a wall defining a tubular neck. The tubular neck forms a flow path from the bottle to a splash shield including a nozzle for directing irrigation solution. A valve is disposed in the flow path for opening and closing this flow path. A combination apparatus includes the flexible irrigation solution bottle, which may be inverted and squeezed in order to direct a jet of cleansing liquid into a wound. A single use version of the apparatus includes a valve which is closed in a storage and shipping configuration of the apparatus, and an indicator which is freed within the transparent or translucent flexible bottle when the valve is opened, thus irreversibly indicating that the apparatus has been used. An alternative embodiment of the apparatus includes a safety valve which also prevents misuse of the apparatus without the splash shield installed.